

FOLIO

University of Alberta

13 March 1986

University Issues Planning Document

The University has released today a major planning document. The result of two years and more of intense analysis and deliberation, *The Next Decade and Beyond: A Plan for the Future* is a distillation of the work of the four Planning Groups that have exhaustively investigated the University's capabilities and capacities, and current and projected involvements in the areas of computing, graduate studies, and program initiatives.

The publication, which will serve as a discussion paper, is now being widely distributed throughout Alberta and beyond. There will be public meetings at major centres around the province and the topic will be discussed by every council in the University.

Implications of the report are significant. How our University will chart its future into the next century, where priorities will be placed, and how we will meet such priorities are matters of concern to us all. The recommendations contained in *The Next Decade and Beyond: A Plan for the Future* will serve, as President Horowitz states in the opening page of the

document, "as guiding principles in our growth as an institution whose mission is both to lead and to serve our society and community."

All people interested in the future of post-secondary education in this province are invited to review the document and make their opinions and suggestions known. The report, from which the following passages have been abstracted *verbatim*, is available from the Office of Public Affairs, 423 Athabasca Hall (432-2325).

Background

Planning is essential for every organization; universities are no exception. As an institution, the University of Alberta must take charge of its future and shape it according to a deliberate and conscious strategy—a strategy derived from our best judgment of what it is that we, individually and collectively, want to be and do.

The University of Alberta has been undergoing significant changes during the past few years.

- In 1985-86, enrolment reached its highest level ever.
- The growth in enrolment has been unevenly distributed among the 16 teaching Faculties and 88 departments which currently compose the University.
- New research in many fields has created new opportunities for and demands upon the University.
- Changes in society's expectations are leading the University to develop new programs and to re-examine personnel and student policies.
- At the same time, this University, like most institutions, has been facing increased budget pressures.

In response to these changes and challenges, the University launched an ambitious and comprehensive planning effort in

1983. Four planning groups were established to coordinate the activities. Each group had a Dean as Chairman and each had a cross section of membership drawn from the faculty, students, and public members of the Board of Governors. In all, more than 50 individuals from the University community were involved.

This document combines the reports from the four planning groups into an over-all plan which will guide the University of Alberta in its development through the next decade and into the twenty-first century. We anticipate that it will have wide circulation and wide discussion, within both the University and the community-at-large, and that the plan itself will be modified as new factors influence our development.

Program Priorities

Graduate Study and Research

The University of Alberta is the major research centre in Alberta. It has a responsibility to develop a major graduate program in a broad range of areas as part of its function to advance knowledge through research. This priority is ranked first because of the University's unique and fundamental role as an educational institution.

Recommendations

1. Program areas should be reviewed to identify those which should develop strong PhD programs.
2. The number of graduate students in thesis programs should be increased over the next 15 years to correspond with decreases in the number of undergraduate students.

Liberal Education

The University of Alberta, as the leading provincial institution in the humanities and social sciences, must maintain its leadership in scholarly research and teaching.

Research Prize Night One of Novels and Microbes

Wednesday, 26 March, is Research Prize Night at this University. At 8 p.m. in SUB Theatre, Juliet McMaster, English, and Donald Westlake, Microbiology, will receive their Research Prizes (\$2,500 and a plaque) and lecture on their respective disciplines. The title of Dr. McMaster's address is "Only a Novel." Dr. Westlake's lecture is "Man Manipulates the Microbe."

Dr. McMaster will be introduced by Dean of Arts Terry White; Dr. Westlake will be introduced by Dean of Science John McDonald.

The Research Prize lectures are open to all. A public reception in the lobby of SUB Theatre will follow.

A preview of each lecture will be published in the 20 March edition of *Folio*. □

Recommendations

1. All students receiving an undergraduate degree from the University of Alberta should have the elements of a core curriculum designed to provide the basis of a liberal education.
2. Teaching in the core curriculum should be performed by academic staff. Graduate students should have a role in tutorial sessions.
3. Pre-professional programs should contain a core of science and humanities courses designed to provide a liberal education.
4. Professional programs without a pre-professional year should include a core of science and non-science courses which provide elements of a liberal education.

Regional Responsibilities

The University of Alberta has a particular responsibility to the Northern communities owing to its location and its research base. Priority should be given to program initiatives that help meet the needs of these groups.

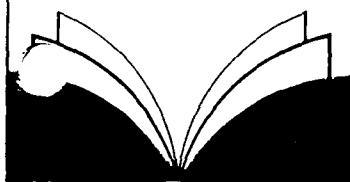
Recommendations

1. Research studies and doctoral programs in areas of agriculture, forestry, energy, and transportation are to be encouraged and supported at the University.

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- Senate names honorary degree recipients



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- 3.2 Initial postsecondary instruction for high school graduates other than direct entry to the University of Alberta should be arranged in consultation with community colleges in Edmonton and Northern Alberta.
- 3.3 Academic groups with a research focus on environmental studies in Northwestern Canada should be identified and expanded in keeping with the importance of this field.
- 3.4 Suitable undergraduate and continuing education programs should be established to meet the needs of the Francophone population of Alberta.

Professional Programs

The University has a long-standing commitment to education for the professions and this is recognized as a priority area.

Recommendations

- 4.1 There should be sufficient graduates of professional programs, both undergraduate and graduate, to meet the province's and, in some cases, regional requirements.

4.2 Program standards should be established which will be recognized as high in relation to professional programs in North America. (This recommendation was inadvertently numbered "4.3" in the planning document. Ed.)

International Initiatives

The University of Alberta, as a leading Canadian university, has a responsibility to be involved in international programs, particularly those that flow from its current activities and from the needs of the community. This is a function that other Alberta universities may not be as well equipped to fulfill.

Recommendations

- 5.1 The University should develop an Institute for International Affairs in co-operation with the Government of Alberta to increase the number of links to Pacific Rim countries and to encourage the exchange of staff and students.
- 5.2 Programs in East Asian studies should be established to augment those which already exist, including such areas as business, political science, economics, and geography.

Ways and Means

Accessibility

University education should be accessible to all those who have the ability and the interest to undertake such study.

Recommendations

- 6.1 Liaison with other Alberta postsecondary institutions should be increased so that the unique resources of the University of Alberta are available to assist in making instruction more available in the province.
- 6.2 More vigorous dissemination of information about ACCESS and other systems to improve outreach available to Faculties should be initiated.
- 6.3 Residency requirements in professional and graduate programs should be reviewed. They should be maintained only where there is strong evidence that they serve an academic function.
- 6.4 Specialized facilities on the campus should be made available regularly to interested groups for continuing professional education.
- 6.5 Continuing education should be an acceptable teaching responsibility for the University.

Innovative Methods of Instruction

The University of Alberta recognizes the need for more innovative methods of instruction as a mechanism for improving learning, and states this as a priority for program development.

Recommendations

- 7.1 A goal to make all University of Alberta students familiar with the use of computers should be adopted and this instruction should be integrated, where appropriate, into the core curriculum.
- 7.2 Library services should be adapted to computerized literature searches, and computer-assisted learning programs should be initiated in more subject areas.
- 7.3 The development of experiential courses should be encouraged.

Information Technology

The University should determine which specialized computing capabilities it must maintain and develop for strategic reasons and which it can best acquire from other organizations. Emphasis must be put upon the development of services and facilities in which the University has a natural competitive advantage.

Recommendations

- 8.1 That, in its general planning, the University recognize excellence in computing as a critical success factor.
- 8.2 That decision-makers at all levels in the University be encouraged to examine, within their disciplines or areas of responsibility, the following factors:
 - the requirements for student of computers, including the application of computers within existing courses, needs for courses concentrating on computer science and technology, and the possible use of computer-assisted instruction;
 - the needs of University staff for training programs or assistance in the use of computers;
 - the establishment of appropriate administrative mechanisms to deal with computer planning matters;
 - the acquisition of appropriate equipment, software and services to meet the computing needs of staff members and students;
 - the potential for productivity gains through the application of computer technology.
- 8.3 The University's priorities for computing facilities and services should be in the order of research/teaching, administration, and individual student use.

- 8.4 In view of the close relationship between teacher training and the computing skills of students. University must recognize a

act upon its special leadership and coordination roles in development of academic programs in computing generally, and in support of the instructional functions.

Appropriate University staff members should be actively involved in program development activities related to computing courses and activities in Alberta schools. The University has a special leadership role to play in translating, adapting and demonstrating the application of advanced computing techniques to increase the quality and effectiveness of instruction at all levels and in all sectors of education in Alberta.

8.5 In general planning, the University should seek to exploit its relative advantage in computing, attract scholars in computer-related fields, and at least maintain its excellence in information technology.

8.6 The University of Alberta should seek to be a leader in research and development of knowledge systems and fifth generation technology. These

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**University
of
Alberta**

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new areas of research and technology will clearly dictate the thrust of computers and computing technology in the next decade and beyond. Examples of these areas are artificial intelligence, parallel processing, Very Large Scale Integration (VLSI) microchips, hardware and data base design, software engineering, and robotics.

8.7 A University Computer Literacy program (over three to five years) should be developed immediately to provide courses and staff and student instructors for administrative, academic, and non-academic staff. An increased emphasis on the development of the computer skills of students should be encouraged, and this will be assisted by an improvement in the staff's level of computer literacy.

- A goal should be set to provide every staff member (who can use it in his/her work and who wants it) with a personal microcomputer workstation by 1990.
- A campus-wide program should be developed to examine the uses of computer-based instruction teaching methods in all departments and centralized resources should be provided to sustain this program. This should be considered as a significant academic priority.

External Interests

The University of Alberta should give priority to initiatives where there is evidence of strong support by special interest groups in the community for a program, provided that the aims of the program are in keeping with the aims of the University as a whole.

Recommendation

9.1 University alumni and members of Senate should be offered more opportunities to become involved in activities and planning in the University in order to obtain their support and guidance.

Use of Existing Physical Facilities

The University of Alberta has a large investment in physical facilities. Programs that make better use of the existing facilities or use the facilities to reduce their funding needs should be given preference.

Recommendations

- 10.1 The University of Alberta should give serious consideration to the establishment of a trimester system.
- 10.2 University facilities should be available during weekends,

evenings, and the summer to University and other groups.

Future Planning

It is the University's intention to establish an on-going planning mechanism which will both review progress on this plan and develop continuing revisions to meet future challenges. This on-going mechanism will make biennial reports to General Faculties Council, the Board of Governors, and the University of Alberta Senate.

Distribution

Please note: *The Next Decade and Beyond: A Plan for the Future* is already being mailed to more than 2,000 people in our community and around the province. On campus an initial distribution is being effected to all Deans, department heads and directors, to all members of GFC and all current and past members of the Planning Groups, to members past and present of the Senate, and, among others, to the executives of staff and student associations.

Off-campus distribution includes Members of the Legislative Assembly and other elected representatives in northern Alberta, the Yukon and Northwest Territories; all Alberta institutions of post-secondary education; Chambers of Commerce throughout the province; and a large number of other community leaders in industry, professional associations and educational institutions.

If you have not received your copy of the document within a week of receiving this issue of *Folio*, please write or telephone (or drop into) the Office of Public Affairs, 423 Athabasca Hall, Edmonton T6G 2E8 (432-2325). The report will be mailed to you directly. □

Going to SEED Can be Beneficial

People go through rites and rituals in all cultures. Perhaps one of the more frightening rites in western society is that First Day of Work, especially the first day when starting a career.

Many young people leave university or technical school with diploma in hand, but without ever having applied what they learned. They never had the benefit of a summer job in their field of study.

To help young people get those summer jobs, Employment and Immigration Canada has developed the Summer

Employment/Experience Development (SEED) program, part of Challenge '86 Alberta, to help employers help students "learn a living" this summer.

SEED is regarded as the perfect business deal because everyone benefits from it. Educational institutions will receive wage reimbursement of \$3.80 an hour for each student they hire for the summer. For students, SEED is an excellent opportunity to "do what they read on page 47 of the textbook." The summer job helps them gain a better understanding of their course work. They demonstrate their skills to a possible future employer and they earn tuition and spending money.

The employer would have the say administrative and training responsibilities for people hired under SEED as for any other staff member.

Employment and Immigration Canada has allocated more than \$10

million for the SEED program in Alberta.

The University of Alberta is eligible to participate in the program under the category of Educational Institutions and not as a non-profit organization (previously categorized for Challenge '85). This means that approved applications are entitled to a wage subsidy of \$3.80 per hour. All other costs, including unemployment insurance, Canada pension and vacation pay, are the responsibility of the employer. The cost of

materials will not be covered by Challenge '86.

Students eligible to work under the program are those who are legally entitled to work in Canada and who are returning to school full-time in the fall of 1986.

The SEED Challenge '86 package, complete with guidelines and administration procedures, has been mailed to all departmental personnel administrators. The deadline to submit SEED applications to Personnel Services and Staff Relations is 27 March. □

VP(Research) Faults Funding for Granting Councils

The granting councils for university research are coming into more money, but federal funding doesn't fill the bill, says Vice-President (Research) J. Gordin Kaplan.

Science and Technology Minister Frank Oberle and Secretary of State Benoit Bouchard recently announced that the budgets of the Natural Sciences and Engineering Research Council (NSERC), the Social Sciences and Humanities Research Council (SSHRC), and the Medical Research Council (MRC) will rise by an anticipated \$1 billion to \$3.4 billion over the next five years.

"The grants," says Dr. Kaplan, "are disappointingly inadequate to meet the five-year plans of the three

granting councils." In the case of NSERC, Dr. Kaplan said that the new budget permits the Council to function only at the level of its 1984-85 budget.

The statement by the Ministers noted that the federal government has pledged to match any investment by the private sector up to a maximum of \$369 million over the next five years. The formula involves a "one for one" matching by government up to a maximum of six percent of each Council's annual budget. Dr. Kaplan said the scheme could prove to be an "interesting innovation" but added that the University is "in the dark" because no decisions on the administration of the scheme have been made.

University of Alberta faculty joined with their peers across Canada to press the federal government for increased funding for university research. Also, last October, the University hosted a National Conference and Workshop on Research Funding for the Humanities and Social Sciences. The Conference resulted in, in the words of Baha Abu-Laban, Associate Vice-President (Research), "extensive lobbying efforts."

Mr. Oberle told a news conference that "not only has the federal government increased funding to the granting councils for university research, but it is finally

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providing the Councils with stability of funding for the next five years, and this has never been done before. This significant increase to university funding clearly indicates the priority this government places on research and development despite the tight fiscal discipline we have imposed on ourselves."

With a budget of \$324 million in 1986-87, NSERC supports advanced research and development and the training of scientists and engineers by awarding grants and scholarships to professors and graduate students in Canadian universities and affiliated institutions.

SSHRC supports research and scholarship in the social sciences and humanities through programs of fellowships for research training and research resources and support, and grants for research, international scholarly exchanges and publishing, conferences and research-related activities. The Council's 1986-87 budget is \$70 million.

"I am happy to be able to announce that despite the general context of austerity, our government recognizes the importance of research by agreeing to an increase of \$9 million to the Social Sciences and Humanities Research Council," said Mr. Bouchard.

MRC supports research in the health science schools of Canadian universities, and their associated teaching hospitals and institutions. Research and training supported by the Council covers a wide range of activities from fundamental to applied and clinical research. The Council's 1986-87 budget is \$168 million. □

Quinney, Magee Elected to Top Posts in Sport Medicine Council of Canada

Art Quinney, Department of Physical Education and Sport Studies, was elected President of the Sport Medicine Council of Canada (SMCC) at that body's recent annual meeting. Dr. Quinney will serve a two-year term of office.

At the same meeting, David Magee, Department of Physical Therapy, was elected Vice-President for a one-year term.

SMCC is the coordinating council responsible for sport medicine, sport science and paramedical services for Canadian athletes both in Canada and at all international competitions. The Council is also responsible for the athlete drug testing and drug education programs in Canada. □

Robert McClure a Guest of Medical Students', Medical Alumni Associations

Canada's best known doctor-missionary to China and abroad, Robert Baird McClure, will be in Edmonton next week.

A guest of the Medical Students' and Medical Alumni Associations, Dr. McClure intends to share some of his experiences in order to promote interest in "Third-World" medicine in the city. Anyone interested in this topic is invited to Bernard Snell Hall, Walter C. Mackenzie Health Sciences Centre, on 20 March at 7:30 p.m. Wine and cheese will follow Dr. McClure's address.

Born in Portland, Oregon, in 1900 (his mother was a refugee from the anti-foreigner (Boxer) rebellions in China), Dr. McClure has had more

than his share of adventure and responsibility. He went to China at an early age and attended school in N. Honan province in North China until 1915. Upon moving to Canada he finished high school, entered Medical College in Toronto, and became an MD at age 21. After a year of surgical training at Toronto Western Hospital, he returned to China at the end of 1923. Taking the place of a doctor who had been murdered by bandits, Dr. McClure worked in Hwaikung Hospital in N. China from 1924 to 1937.

During wartime, he served as Field Director of the International Red Cross and then as the commanding officer of the Friends Ambulance Unit on the Burma

Road. By 1948, with the Communist revolution having put him on an elimination list, he returned to Canada. After brief surgical practice in Toronto, he did surgical work with Arab refugees in Gaza, Palestine, followed by more than 10 years in the Ratlam Christian Hospital in India.

In 1968, Dr. McClure was elected Moderator of the United Church of Canada, and served until 1971. He then travelled the world doing volunteer surgery before retiring in the early 1980s. Only in the last couple of years has it been possible for Dr. McClure to visit China. □

Open Door Policy Favored by Presidential Assistant

The attitude of the person who will be Special Assistant to the President on Matters of Equity should be heartening to those having concerns about equity. "I will do more listening than anything else so that I can learn what the concerns are," says Doris Badir. "I will lay out the days that I will be available and let it be known that I will have an open door policy—for everyone."

The Dean of Home Economics for the past 10 years, Mrs. Badir will leave the building on 87 Avenue and 112 Street for the one on 89 Avenue and 114 Street—University Hall. The date of the move is 30 June.

Unlike many of her colleagues, she will take only a partial administrative leave, devoting half of her time to equity concerns (her appointment is for two years).

Dean Badir points out that the parameters of the position are not yet defined. "First, I will contact the appropriate groups to find out what's going on . . . what people perceive to be problems." She will then study what they have on their agendas and develop her own timetable.

Dean Badir will undoubtedly look at a wide variety of concerns, from the female/male staff ratio, to problems of visible minorities such as native people and the handicapped. Although the University has taken steps to investigate certain issues, she feels strongly that, "we assume that because we set up a committee we have taken care of the problem.

This is not necessarily so." Dean Badir says that the University has already done much about equity concerns but adds, "we can't stop here."

In commenting on the establishment of the position, President Horowitz said, "I'm not sure that we're doing as much as we can. I'm very pleased and proud of what we've accomplished in the area of equity and it's an inspiration for us to do more."

In November 1984, the President created the President's Interim Advisory Committee on Women's Issues. Last fall, the committee submitted a number of recommendations for his

consideration. Among them was the suggestion for an "equity coordinator." According to Susan Jackel, the committee chair, "an on-going system needed to be established so that the issues which we felt were important could be monitored and further study conducted."

The position title may not be the same as the one suggested but the bottom line is that there is now a commitment to equity concerns. The challenge now, says Dean Badir, is to find out "if indeed we are taking care of these issues responsibly and if there is a lot or a little work to be done in the area". □

Hugh Bunting: EFF Distinguished Visitor

A.H. Bunting will present a seminar on Crop Water Use in the Plant Science Department's Distinguished Speaker series at 1 p.m. on Wednesday, 19 March, in 1-06 Agriculture/Forestry Centre.

Professor Bunting, Professor Emeritus, University of Reading, has extensive experience and many notable achievements to his credit in international development activities in Africa, Asia and South America. He has an honorary doctorate from Ahmadu Bello University in Nigeria and is a Companion of the most Distinguished Order of St. Michael

and St. George. He is a former Dean of the Faculty of Agriculture and Food, and a former Professor of Agricultural Development Overseas in the University of Reading.

With three books and more than 100 scientific publications to his credit, he is well equipped to review his topic area of crop water use at the cellular tissue, plant organ, whole plant and cropping system level.

Professor Bunting's visit to the University of Alberta is made possible by a grant from the Endowment Fund for the Future. □

Peter Lougheed to be Awarded Honorary Doctorate at Spring Convocation

The Senate meeting of 28 February was punctuated by the election of a new Chancellor—Tevie Miller.

Preceding and following the meeting were various reports, including that of the Honorary Degrees Committee, and presentations. Also, Chancellor Savaryn let it be known that Governor General Jeanne Sauve will present the 1986 Henry Marshall Tory Lecture on 1 May.

The President's Report included mention of an alumni reception in Hong Kong in late November. More than 450 alumni have returned to Hong Kong, and close to 200 attended the reception and met with Dr. and Mrs. Horowitz, Alumni Association President Bert Krull, and Susan Peirce, Alumni Affairs Director. Dr. Horowitz indicated that a similar affair will likely be held in London in about one year's time.

The President also told Senate that enrolment at the end of January stood at 23,805 full-time students, an increase of about 400 or 1.7 percent over last year's total. The addition of part-time students brings the 1986 total to 28,322, an all-time high. Individuals selected to receive honorary degrees at Spring Convocation are: Robert and Joseph Malone (2 June), Brian Hawrylyshyn and Sherburne McCurdy (3 June), Walter Tarnopolsky and Lila Lee (4 June), Thelma Scambler and Paul Babey (5 June), and Peter Lougheed and Patricia Burns (6 June).

Dr. Wark, an alumnus of our University, is Curator of the Huntington Art Gallery in San Marino, California.

The Right Reverend Joseph Malone is noted for his significant contributions to Alberta and the Edmonton community through his leadership and action in the area of ecumenism and the building of tolerance and understanding between various races and creeds.

Dr. Hawrylyshyn, Director of the International Management Institute, Geneva, is a scholar and consultant to business, government and industry.

Sherburne McCurdy received his PhD from the University of Alberta in 1964. He was President of Alberta College from 1971 to 1985. His name is inextricably linked with Edmonton's Bach Tercentenary (Tribach).

Justice Tarnopolsky is a member of the Court of Appeal of the Supreme Court of Ontario. His publications include *The Canadian*

Bill of Rights and The Canadian Charter of Rights: A Commentary.

Lila Lee is President of the Clifford E. Lee Foundation, a philanthropic foundation which devotes the majority of its funding to social welfare causes and the arts.

A pioneer in pre-retirement education, Thelma Scambler has not confined her energies to one special interest group. Among the organizations on whose behalf she has been a volunteer worker are the Association for Children and Adults With Learning Disabilities, Family Life Education Council, and Cansumount.

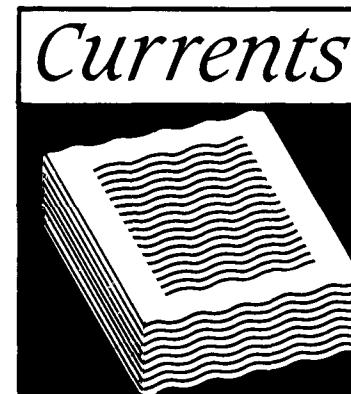
Paul Babey is Vice-Chairman of the Farm Credit Corporation of Canada. He was instrumental in the unification of the Farmers' Union of Alberta and the Alberta Federation of Agriculture in 1970.

Peter Lougheed was, of course, Premier of Alberta from 1971 until his retirement last fall. Currently, he is a senior partner of the Bennett Jones law firm of Calgary and Edmonton, Honorary Chairman of the XV Olympic Winter Games Organizing Committee, and a lecturer at the Universities of Alberta and Calgary.

Dr. Burns helped to establish the Breast Centre Registry in northern Alberta and has been a principal investigator of breast disease in the province. She retired from the W.W. Cross Cancer Institute in 1985.

Mary Totman, Executive Officer of Senate, reported that the out-of-town meeting will take place in Peace River on 26 September. She also said that Senate's Committee on Community Relations is planning to sponsor a debate of public interest in the fall.

Senators listened to presentations on the staff fitness program, the Boreal Institute for Northern Studies, and the new four-year BA and BSc programs. □



Bookstore Inventory

The Bookstore will be closed for inventory 20, 21 and 22 March. It will reopen Monday, 24 March.

Memorial Meeting for Donald Ross

A Memorial Meeting will be held for Donald Ross in Convocation Hall at 2 p.m., 29 March. A reception will follow in the adjoining lounge.

'The New Kafka'

As Boswell is to Johnson, as Aesop is to fables . . . so Hiebel is to Kafka. Hans Hiebel, that is, a teacher of modern German literature at the University of Graz, Austria.

Professor Hiebel, the author of a number of books and articles on the Austrian novelist and short-story writer (1883-1924) is about to visit our University under the sponsorship of the Goethe Institute and the Federal Republic of Germany. Four lectures, beginning with "Freud and Kafka—An Introduction" (18 March, 7:30 p.m., 17 Arts Building), have been scheduled by the Department of Germanic Languages. The following day at 11 a.m., Dr. Hiebel's topic is "Franz Kafka: 'A Country Doctor'—A Psychoanalytical and Poststructuralist Reading." He will speak in the Senate Chamber (second floor), Arts Building.

The remaining lectures will take place on 20 and 21 March, the first, "Metaphor, Paradox and Ambiguity (The 'Circle of the Inner and Outer World' in Kafka)" at 9:30 a.m., the second, "The Judgement. The 'Symbolic Father' and the 'Imaginary' (Lacan)" at 2:30 p.m. The respective locations are the Senate Chamber and 17 Arts Building.

The lecture series is titled "The New Kafka."

The Kafka Exhibit in Rutherford South will complement Professor Hiebel's lectures. The Austrian Embassy-sponsored exhibit will contain 150 to 200 posters and photographs depicting Kafka's family, love interests, first editions, and the city of Prague. The exhibit will be open from 14 to 28 March. □

Russian Dissident Vladimir Bukovsky to Give Series of Lectures

The Department of Slavic and East European Studies, in cooperation with the Departments of Political Science, Psychiatry, Psychology and the Centre for Advanced Study in Theoretical Psychology, is sponsoring a series of lectures by Vladimir Bukovsky, a prominent Russian dissident, writer and scientist.

Bukovsky was only a highschool student when he was arrested for the first time, a victim of the crackdown on political demonstrations in the early 1960s. He spent 12 years in Soviet prisons, work camps, and psychiatric hospitals before being exchanged in 1976 for Chilean Communist Party leader Luis Corvalan and released to the West as a result of a public outcry. He now lives in Stanford, California, where he is connected

with Stanford University.

Bukovsky has written an autobiographical book, *To Build a Castle: My Life as a Dissenter*, as well as *A Manual on Psychiatry for Dissidents* (with S. Gluzman) and *The Peace Movement and the Soviet Union*. At present he is working on *U.S.S.R.: Prospect for Changes*.

His schedule of lectures is as follows: 19 March, 3 p.m., TL-12 (Tory—"Turtle"), "Soviet Foreign Policy;" 20 March, 3:30 p.m., TLB-1 (Tory Basement), "U.S.S.R.: Prospects for Change;" 21 March, 3 p.m., TLB-1 (Tory Basement), "The Mind of Man Under Communism: Life in Prisons and Work Camps in the U.S.S.R.;" 24 March, 10:45 a.m., 2-114 Clinical Sciences Building, "The Abuse of Psychiatry in the Soviet Union." □

Talks

Physical Education and Recreation

14 March, noon. J. Barton, "Stress Management." W-01 Van Vliet Physical Education and Recreation Centre.

Japan: Tradition to High-Tech

14 March, 3 p.m. A. Yano, Osaka University of Foreign Studies, "Mother Image in Japanese Society." L-4 Humanities Centre.

14 March, 4 p.m. Janusz Kupczyk, University of Warsaw, "Hogaku: Traditional Japanese Music." L-4 Humanities Centre. All lectures sponsored by the Consulate-General of Japan and supported by Anthropology, Geography, Religious Studies, and East Asian Languages and Literatures.

English

14 March, 3:30 p.m. A poetry reading by bp Nichol. L-3 Humanities Centre.
19 to 31 March. Gayatri Chakravorty Spivak, Cornell University, "Marxism/Feminism/Deconstruction: And The Critique of Imperialism." Times and locations to be announced.

Germanic Languages

14 March, 4:30 p.m. H.A. Pausch, "Kafka und die Frauen"—part of the official opening of the Kafka Exhibition. Will be followed by a visit to Rutherford South to view the exhibit. Senate Chamber, Arts Building.

Plant Science

17 March, 1 p.m. Robin Lagroix, "To Seed or Not to Seed." A review of reproduction strategies in plants. 1-06 Agriculture-Forestry Centre.
19 March, 1 p.m. Hugh Bunting, Professor Emeritus, University of Reading, England, "Why Are the Tropics Different?" Drought, phenology and the yield of crops. 1-06 Agriculture-Forestry Centre.
24 March, 1 p.m. Professor Bunting, "Why Are the Tropics Different?" 1-06 Agriculture-Forestry Centre.
26 March, 1 p.m. Albert Calman, "Peach Tree Short Life." 1-06 Agriculture-Forestry Centre.

Slavic and East European Studies

17 March, 3 p.m. George Gravowicz, Harvard University, Ukrainian-Russian Literary Relations in the 19th Century." 776 General Services Building.
24 March, 3 p.m. Gust Olson, "Novel With Cocaine." 776 General Services Building.

Area Studies Committee

Africa and South Asia

17 March, 3 p.m. M. Manickavel, "Tirukkural—The Book of Wisdom." 4-8 Tory Building. Co-sponsored by the Shastri Committee.

Dentistry

18 March, noon. D. Brunette, Professor of Oral Biology, University of British Columbia, "Time-Lapse Cinemicrographic Studies of Directed Epithelial Migration on Grooved Titanium Substrata." 4069 Dentistry-Pharmacy Centre.
19 March, noon. D. Brunette, "The Effect of Mechanical Stretching on Cell Proliferation and Function." 4069 Dentistry-Pharmacy Centre.

Music

18 March, 3:30 p.m. Beverly Cavanagh, "Naskapi Indian Myth and Music." 2-32 Fine Arts Building.

Comparative Literature

18 March, 4 p.m. Gerald Prince, University of Pennsylvania, "Narrative Pragmatics and Narrativity." Senate Chamber, Arts Building.
26 March, 4 p.m. Gerald Prince, "Theming." Senate Chamber, Arts Building.
28 March, 3 p.m. E.D. Blodgett, "Orignary Grammarians: Laure Conan and Sheila Watson." Senate Chamber, Arts Building.

Forest Science

19 March, noon. Neil Stevens, "Effects of Fire on Annual Allowable Cut." 4-1 Mechanical Engineering Building.
26 March, noon. Carlos Llerena, "Field Evaluation of an Erosion Hazard Assessment System in West Central Alberta." 4-1 Mechanical Engineering Building.
26 March, 4 p.m. Stephen Hobbs, Oregon State University, "Combining Research and Education Programs for Effective Technology Transfer: A Case Study from Forestry." E-343 Chemical-Mineral Engineering Building.

Boreal Institute for Northern Studies

19 March, noon. Michael Asch, "Consociation and Constitutional Development in the Western Northwest

Territories." TB 1-25 Tory Building.
21 March, noon. Pete Kershaw, "Studies of the Environmental Effects of Disturbances in the Subarctic." M137 Biological Sciences Building.
26 March, noon. David Young, "A Contribution of Cree Traditional Medicine to Modern Health Care." TB 1-25 Tory Building.

CITL

19 March, 2 p.m. Ron Kratochvil, "Instruction in Intermediate-Sized Laboratory Science Courses." TB-W2 Tory Building.
20 March, 1 p.m. Don Massey, "Improving Instruction Through Video Taping." 165 Education South.
25 March, 2 p.m. Bill Meilen, "Communication Tricks—Fast Ways to Improve Your Communication Ability." TB-W2 Tory Building.
26 March, 3 p.m. Darlene Davidson and Murray Hawkins, "Projects and Presentations: Student Participation in the Learning Process." 2-33 Humanities Centre.
27 March, 2 p.m. Karel Puffer, "Development of Course Outlines." TB-W2 Tory Building.

Library Science

19 March, 2 p.m. Tom D. Wilson, Head of the Department of Information Studies, University of Sheffield, an informal opportunity to meet and ask questions about information studies. 3-01 Rutherford South.
19 March, 7:30 p.m. Tom D. Wilson, "Information in Organizations and Society." L-3 Humanities Centre. Both lectures co-sponsored by the Canadian Council of Library Schools.

Botany

19 March, 4 p.m. Dan MacIsaac, "Plant Community Development and Vegetation Pattern on Proglacial Moraines. Banff and Jasper National Parks." M-149 Biological Sciences Centre.
26 March, 4 p.m. John Caesar, "The Influence of the Zeta Ratio of Light on Growth, Photosynthesis and Cold Hardiness of Lodgepole Pine and White Spruce Seedlings." M-149 Biological Sciences Centre.

Limnology and Fisheries Discussion Group

20 March, noon. Mark Hanson, "Benthic Invertebrates: Source or Sink for Phosphorus." G-217 Biological Sciences Centre.
27 March, noon. Jackie Shaw, "Lake Sediment Phosphorus: An Important and Dynamic Component of Seasonal Phosphorus Budgets." G-217 Biological Sciences Centre.

Soil Science

20 March, 12:30 p.m. J. Carefoot, "Tillage Effects on Yield of Wheat and Fate of Labelled 15N Nitrogen Under Limited Moisture Conditions." 281 CAB.
27 March, 12:30 p.m. S. Lutwick, MSc candidate, "Effects of Long-Term Cultivation on Soil Physical and Chemical Properties." 281 CAB.

University of Alberta Club of the Communist Party of Canada

20 March, 3:30 p.m. V.A. Trofimov, Doctor of Historical Science, U.S.S.R., "Social and Economic Implications of the Scientific and Technological Revolution—Under Capitalism and Under Socialism." TB W-2 Tory Building.

Economics

20 March, 3:30 p.m. Richard Harris, Queen's University, "Modelling the Adjustment to Canada-US Free Trade." 8-22 Tory Building.
26 March, 3 p.m. Tom Watson, University of Regina, "Prices and Incomes Policy: A New Way Forward for Australia." 8-22 Tory Building.

Entomology

20 March, 4 p.m. J.-F. Landry, "Systema Scythrididae Nearcticorum: A Modern Linnean Exercise On Forgotten Microlepidoptera." TB-W1 Tory Building.
27 March, 4 p.m. John Acorn, "Colour Variation in Dune Tiger Beetles: Adaptive Significance and Biogeography." TB-W1 Tory Building.

Food Science

20 March, 4 p.m. Richard Dainty, Meats Research Institute, Bristol, "Work on Lactic Acid Bacteria Associated with Meats." 2-10 Agriculture-Forestry Centre.
21 March, 11 a.m. Dr. Dainty, "Microbiology and Biochemistry Research at the Meats Research Institute - Bristol." E-340 Chemical-Mineral Engineering Building.
24 March, 4 p.m. Dr. Dainty, "Storage Life and Spoilage of Meats" (the Nature of Biochemical End Products and the Role of Microorganisms in Producing Them). E-340 Chemical-Mineral Engineering Building. These lectures come under the heading "1985-86 Enrichment Program Series."

Women's Program

20 March, 7:30 p.m. Daphne Marlatt, "A Reading by Daphne Marlatt." L-1 Humanities Centre.

Centre for Gerontology

21 March, noon. Norah Keating and Gail Gilewich, "Problems in Providing Care for Alzheimer's Patients." Classroom Mackenzie Health Sciences Centre.

Zoology

21 March, 3:30 p.m. Raymond T. Damian, Department of Zoology, University of Georgia, "Parasite Evasion of the Host Immune Response." M-149 Biological Sciences Centre.

Linguistics

24 March, 2 p.m. Dilworth Parkinson, Brigham Young University, "Having Your Cake and Eating It Too: VSO to SVO in Modern Standard Arabic." 4-70 Assiniboia Hall.

Comparative Literature and English

24 March, 4 p.m. Frederick Garber, State University of New York, "Irony and Organicism: Figures of Relation in Romantic Literature." Senate Chamber, Arts Building.

Comparative Literature and Germanic Languages

25 March, 4 p.m. Gerald Gillespie, Stanford University, "Romantic Devils." Arts 139.

Jewish Christian Dialogue Group

25 March, 4:30 p.m. Rev. Tim Scott, will speak on "Thomas Merton." St. Joseph's College Lounge.

Informal information sessions about sexual harassment, hosted by student and staff members of the President's Advisory Committee on Sexual Harassment (PACSH), will be held on the dates and times noted below:

Materials Management Conference Room, 2nd Floor
Thursday, March 13 3:00 p.m.

Dentistry/Pharmacy Building
Room DP-2023
Friday, March 14 4:00 p.m.

A short film will be presented, and members of PACSH will be happy to answer questions about sexual harassment or about PACSH.

All students and staff are welcome to attend any of these sessions.

Canadian Institute of Ukrainian Studies

25 March, 8 p.m. Shevchenko Lecture—Virko Baley, Department of Music, University of Nevada, "Contemporary Music in Soviet Ukraine." Lecture Theatre 12, Tory Building.

Literary Theory Series

27 March, 4 p.m. P. Knight, "Girard and Native Voices." 5-20 Humanities Building. Inquiries should be directed to Series Co-ordinator, M. Verdicchio, Arts 348B, 432-2003.

Films

Japan: Tradition to High-Tech

14 March, 8 p.m. "Hand-Made Japanese Paper." "The Miracle of Tsubosaka Temple (Kabuki play)." "Manga: The Cartoon in Contemporary Japanese Life." "High-Tech in Japan." L-1 Humanities Centre. Sponsored by the Consulate-General of Japan.

Germanic Languages

19 March, 7:30 p.m. "Quick" (with Hans Albers, Paul Horbiger, 1932). Admission free. Arts 17. 26 March, 7:30 p.m. "Berline Chamissoplatz" (1980). Admission free. Arts 17.

The Arts

SUB Theatre

14 March, 8 p.m. U of A Women's Centre and Common Women Books present "Heather Bishop and Tracy Riley." 432-2057 or 432-9344. 15 March, 2:30 and 4 p.m. Chinese Catholic Community presents the Chinese film, "Kingdom and Beauty." Bosco Kwan, 456-7222. 16 March, 8 p.m. "Ghostbusters" (1984). 20 March, 7:30 p.m. Richard Horow, Chairman of the American Bar Association Task Force on Sports Violence, "Violence in Sports"—featuring film footage of brutal scenes from professional sports. 21 March, 8 p.m. "The Times of Harvey Milk" (1984). 22 March, 8 p.m. "Sweet Dreams" (1985). 23 March, 8 p.m. "Amadeus" (1984). 25 March, 7:30 p.m. James R. Petersen, Playboy Advisor, "Love and Sex." 26 March, 8 p.m. 1986 University Research Prize Awards. 27 March, 7 p.m. "The Wild Life" (1984) and "Brewster's Millions" (1985).

Music

All events take place in Convocation Hall unless otherwise noted.

15 March, 8 p.m. Senior Student Recital—Michelle Sautner, piano. 16 March, 8 p.m. New Music by Undergraduate Composers. 18 March, 8 p.m. Senior Student Recital—Merrill Tanner, soprano. 20 March, 8 p.m. Senior Student Recital—Heather Kendrick, soprano. 21 March, 8 p.m. Academy Strings—Norman Nelson, conductor. \$4—adults; \$2—students/senior citizens. 22 March, 8 p.m. Senior Student Recital—Leo Parth, piano. 23 March, 3 p.m. The University of Alberta Concert Band—Ernest Dalwood, conductor. \$4—adults; \$2—students/senior citizens. 23 March, 8 p.m. Senior Student Recital—Lori Klingbeil, organ.

24 March, 8 p.m. Senior Student Recital—Twylla Augustson, soprano. 25 March, 8 p.m. Senior Student Recital—Rod Kirkpatrick, percussion. 27 March, 8 p.m. Visiting Artist Series—Lubomyr Melnyk, piano. 29 March, 8 p.m. Senior Student Recital—Shauna Still, soprano.

Courtyard Concert Series

20 March, noon. Lisa Nelson, flute/piano. 21 March, noon. David Rhein, viola/piano. 27 March, noon. David Granger Brown, classical guitar.

Surplus Equipment

The equipment appearing in this column is available only to University departments with University-administered funds. For more information, telephone Jody Brookwell or Roy Bennett, 432-3208.

For Sale: Compac Q Portable Computer, IBM Compatible
Pat Marsh or Keith Denford, Botany, 432-3484.
Miscellaneous surplus equipment in 26 April auction. Watch for details. For more information, telephone Jody Brookwell, Surplus Sales Coordinator, 432-5393.

Award Opportunities

University Women's Club of Edmonton (Canadian Federation of University Women) Scholarship: 1986

The University Women's Club of Edmonton is offering a \$1,000 academic award to be given this spring.

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The successful candidate will hold a bachelor's degree and will have embarked, or will be intending to embark in 1986, on graduate work leading to a master's or doctoral degree at the University of Alberta.

Applications for this award are invited from any Faculty.

Academic excellence will be a major criterion but need and/or circumstance will be taken into account.

This award will also include, for a successful female applicant, one year's complimentary membership in the Canadian Federation of University Women, the national parent body of the University Women's Club of Edmonton.

Application forms may be obtained from the Student Awards Office, 252 Athabasca Hall.

Further information may be obtained from the Corresponding Secretary, University Women's Club of Edmonton, 436-9323.

This competition closes 18 April 1986. The award will be announced no later than 16 May 1986.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 7 March 1986.

Senior Clerk, Office of the Comptroller, (\$1,190-\$1,478)
Clerk Steno III (Trust), Pharmacy, (\$1,326-\$1,666)
Clerk Steno III, Biochemistry, (\$1,326-\$1,666)
Clerk Steno III, Dean of Science, (\$1,326-\$1,666)

Clerk Steno III (Trust), International Briefing Centre, (\$1,326-\$1,666)
Clerk Steno III (Term), Extension—Public Administration, (\$1,326-\$1,666)
Accounts Clerk, Office of the Comptroller, (\$1,478-\$1,888)
Secretary, Housing and Food Services, (\$1,478-\$1,888)
Secretary, Planning and Development, (\$1,478-\$1,888)
Administrative Clerk, Art and Design, (\$1,478-\$1,888)
Departmental/Executive Secretary, Dean of Dentistry, (\$1,666-\$2,144)
Technologist III, Computing Science, (\$2,237-\$2,905)
Programmer Analyst II, Bookstore, (\$2,237-\$2,905)
Locksmith Foreman, Physical Plant—Building Trades Division, (\$2,437-\$3,176)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Part-Time Position, Plant Care

Mature individual needed with experience in general horticulture for year-round growth of plants. Includes watering, pruning, repotting, pest control, etc. in greenhouse. Available 5 or 6 days per week. Beginning \$6.50 per hour. Maximum of 18 hours per week. Contact Dr. B.K. Mitchell, Department of Entomology, University of Alberta, 432-3237. Trust.

Advertisements

Accommodations available

Sale - Lake lot. Behind park reserve. Sunshine Bay, Wabamun. \$29,000. (604) 248-8013.

For sale - Windsor Park. Well-maintained bungalow. \$135,700. Call Doug McKim, 435-4983 or 436-5080. Royal LePage.

Rent - Available 15 August. Four-bedroom house, furnished or

University of Alberta Department of Plant Science

The Endowment Fund for the Future Distinguished Speaker

Why are the Tropics Different? Drought, Phenology and the Yield of Crops

By

Professor A. H. Bunting
Professor Emeritus
University of Reading

Date: Wednesday, March 19, 1986
Time: 1:00 p.m.
Place: 1-06 Agriculture-Forestry Centre

semi-furnished, in old Strathcona. Large, panelled living room and dining room, fireplace, trees. \$825 per month on year's lease. 433-2904.

Sale - Windsor Park. Bright, immaculate bungalow. Hardwood floors. 50x150 ft., treed lot. Ask for Pat von Borstel, 436-5250. Spencer's. 437-6540 res.

Sale - Grandview. Spacious, open-beam bungalow on quiet, treed cul-de-sac. South backyard, big trees. Another choice is four-bedroom, 2,000 + split, main-floor family room. Call von Borstel, 436-5250, 437-6540. Spencer's.

Sale - City residential lots. Some ravine. \$49,000 up. Buy now, build in spring. Pat, 436-5250, 437-6540. Spencer's.

Sale - 160 acres, \$25,900. Close to Long Lake. Good fishing. Pat or Chris, 436-5250, 437-6540. Spencer's.

Sublet - Two-bedroom condominium, Blue Quill. 23 April-27 August 1986. Fireplace, private yard, very well furnished. \$475/month plus utilities. No pets. References. Deposit. 438-1006 evenings, weekends. 432-3315 days.

Rent or sale - 1,000 sq. ft., executive apartment, furnished, downtown. 1 April-30 September. 488-3258.

For rent - Ravine townhome, 2,200 sq. ft., furnished, jacuzzi, sauna. Non-smokers, no pets. May-August. \$1,000/month. 481-0936.

Sale - Reduced, old Riverbend, customized, four-bedroom, four-level split, double-crescent location, near ski hill, enclosed veranda, sun room, sauna, fireplace, double garage, deck. \$152,500. 435-1655.

Sale - Four-bedroom, semi bungalow with basement suite, flowering trees. 11159 77 Ave. Mortgage less than rent. \$84,500. 438-3484.

Rent - House, 8932 120 St. Family only. \$750. Call evenings 439-4207.

For sale - Belgrave. Spacious, three-bedroom bungalow. Family room, developed basement, super location. Asking \$105,000. Ed Lastiwka, LePage, 437-7480, 437-4984.

Sale - Renovators delight in this Mill Creek, two-storey, 1,200 sq. ft. Three bedrooms, many mechanical upgrades. Price: \$41,900. Robert Kully, Royal LePage, 437-7480, 437-5364.

Rent - Bearspaw. Furnished/unfurnished,

three-bedroom house. Double, attached garage. Fenced, six appliances, fireplace. April/May. Up to one year. 437-4716 after 6 p.m.

Sale - Garneau. By owner, three-bedroom semi-bungalow. 1,075', solid construction, hardwood floors, facing park on 112 Street and University Ave. \$74,500. 439-7134.

Accommodations wanted

Responsible couple will house-sit for approximately one month this summer. We don't smoke, we love small animals, we are amateur gardeners. References provided. 432-0690.

Wanted to rent 3-4 bedroom home in Aspen Gardens or Grandview, after 1 April. 433-5664 after 5 p.m.

University professional woman, quiet and mature, requires furnished house for herself and daughter, for approximately one year. 432-2015, 433-6766.

Professional couple seeks to rent two-bedroom home. University area preferred. References available. Call 432-7365 evenings.

Summer visiting professor seeks furnished house for family (three children). July/August 1986. Contact Louise Edwards, Department of Economics, 432-4417.

Retired woman seeks rental/house-sitting opportunity. References available. 432-0789 after 8 p.m.

Temporary accommodation needed. Two women writers wish house/apartment-sit or sublet for 2-4 weeks, early April, early May. Contact Daphne Marlatt, 438-6377.

Goods for sale

Cash paid for used appliances. 432-0272. Good selection of new and used typewriters from \$99. Mark 9, HUB Mall. 432-7936.

Books bought and sold - The Edmonton Book Store in HUB Mall will pay cash for book collections and individual, rare items. Appraisals available. Open seven days a week. 433-1781.

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St. Joseph's College ACADEMIC MASS

Wednesday, March 19, 1986 — 4:00 p.m.

*Opening of Jubilee Year
1926 - 1986*

Faculty are invited to wear Academic Costume Social after Mass in the Newman Centre

University of Alberta Summer Language Bursary Program 1986 French as a Second Language

Faculté Saint-Jean in cooperation with Université du Québec in Rimouski

Rimouski, Québec — May 19 to June 28, 1986

Eligibility: **Full time Student in at least One Semester 18 years of age**

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TEL: (403) 468-1254

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